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packet (filtering OR dropping) "management port"

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Scholar  -  2003  include citations

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### Network integrity by inference in distributed systems - ► [agosta.org](#) [PDF]

JM Agosta, S Crosby - NIPS Workshop on Robust Communication Dynamics ..., 2003 - research.ibm.com

... Detector functions could, for example, include **packet filtering**, snooping routing table updates, or observing a CLI session on the **management port** of a router. ...

[Cited by 5](#) - [Related articles](#) - [All 2 versions](#)

### System and method for small-area system data processing

L Zsohar - US Patent App. 10/180,209, 2002 - Google Patents

... **Packet filtering** may occur in a router, in a bridge ... header is prepended to the data **packet** to indicate ... control packets and to the **management port** configuration. ...

[Related articles](#) - [All 4 versions](#)

### Evaluation of the performance of ID systems in a switched and distributed environment: the ...

C Iheagwara, A Blyth - Computer Networks, 2002 - Elsevier

... The encoding of **filtering** rules for **packet**- or transport-layer communication should be enforced at entry points between internal networks and external traffic. ...

[Cited by 14](#) - [Related articles](#) - [All 5 versions](#)

### Logical network traffic filtering

TM Slaight - US Patent App. 10/741,533, 2003 - Google Patents

... locations in the header portion of the **packet**). ... systems from interfering with **management VLAN** traffic (or ... a variety of options for **filtering** frames belonging ...

[All 2 versions](#)

### Active networks

PA Boustead, F Safaei, BR Ratcliff - US Patent App. 10/495,819, 2002 - Google Patents

... a separate connection to a **management port** of the ... art active networks have used various **filtering** or tagging ... as customer number, or **packet dropping** pri- orities ...

[Related articles](#) - [All 7 versions](#)

### [PDF] ► An architecture for carrier grade programmable networks

TV Nguyen, P Boustead, F Safaei - GLOBECOM-NEW YORK-, 2002 - Citeseer

... processor to access the switch **management port** and alter ... **Packet** labelling options:

The use of LSPs and ... switch that is capable of **filtering** packets based on ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 9 versions](#)

### Systems and methods for packet filtering

Y Teplitsky - US Patent App. 10/076,077, 2002 - Google Patents

... that are implemented by firewalls for **packet filtering** are typically ... purpose CPUs with specified **packet**- forwarding software ... device 100 via a **management port** 108 ...

[All 6 versions](#)

### Management information base (MIB) accumulation processor

TJ Runaldue, B Erimli... - US Patent 6,108,342, 2000 - Google Patents

... multiport switch 12 also includes a **management port** 36 that ... ports (ie, broadcast) or no ports (ie, **filtering**. Each data **packet** includes a header having source ...

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### INVERSE PACKET DISRUPTION SECURE NETWORKS

IS Crayford, LO William, 1999 - freepatentsonline.com

... host device, such as a microprocessor, using the **management port**. ... DISRUPT signal is low, ie, the **packet** is disrupted ... match by the PADMATCH signal **dropping** low. ...

### CPOS: A Real-Time Operating System for the IRCAM Musical Workstation

E Viara - Computer Music Journal, 1991 - jstor.org

... thesis or digital **filtering**) need to be ... thread (process management), region (memory **management**), **port**, message, PFIFO, **packet** (interprocess communication ...

[Cited by 5](#) - [Related articles](#)

### [PDF] ► Implementation Design of the MOMBASA Software Environment

L Westerhoff, A Festag, 2001 - Citeseer

... last activity Timestamp (in microseconds) of the last sent or received data **packet**. ... **management port** TCP port of the management interface (zero if turned off.). ...

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### [PDF] ► GIGAswitch system: a high-performance packet-switching platform

RJ Souza, PG Krishnakumar, CM Oezveren, ... - Digital Technical Journal, 1994 - Citeseer

... both the SNMP and the GIGAswitch system out-of-band **management port** ... address was last heard, and (3) to map **packet** types to classes used for **filtering**. ...

[Cited by 38](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 9 versions](#)

### Method and apparatus for selectively discarding packets for blocked output queues in the ...

B Erimli, TJ Runaldue, C Egbert, D Kerstein... - US Patent 5,953,335, 1999 - Google Patents

Page 1. United States Patent Erimli et al. US005953335A [ii] Patent Number:

[45] Date of Patent: 5,953,335 Sep. 14, 1999 [54] METHOD ...

[Cited by 44](#) - [Related articles](#) - [All 2 versions](#)

### Inverse packet disrupt for secure networks

IS Crayford, W Lo... - US Patent 5,581,559, 1996 - Google Patents

... This means that the preamble field of the **packet** which is passed across the ... by an external host device, such as a microproces- sor, using the **management port**. ...

[Cited by 4](#) - [Related articles](#) - [All 5 versions](#)

### [PDF] ► Distributed multicast address management in the global internet

S Pejhan, A Eleftheriadis, D Anastassiou - IEEE Journal on selected areas in communications, 1995 - Citeseer

... single entity for multicast address **management**, **port** resolution and ... extensive modi- cations, in which **packet** ltering at ... 10 **Filtering** may still be necessary for ...

[Cited by 31](#) - [Related articles](#) - [View as HTML](#) - [BL Direct](#) - [All 14 versions](#)

### Network-based mobile workgroup system

US Patent App. 09/729,199, 2000 - Google Patents

... The user authentication combined with per **packet filtering** or more advanced firewall func- tionality is performed by a VPN gateway at each site of the VPN in ...

### System and method of a management information base (MIB) Autocast in a communications ...

D Wong - US Patent App. 10/292,697, 2002 - Google Patents

... interacts with other management processes in the network to track **packet** transmission events ... device can be made, such as a device that is **dropping** data packets ...

[All 2 versions](#)

### Multiport switch with plurality of logic engines for simultaneously processing different ...

S Merchant, C Egbert, JM Chiang - US Patent 6,658,015, 2003 - Google Patents

Page 1. US006658015B1 (12) United States Patent Merchant et al. (io) Patent

No.: US 6,658,015 BI (45) Date of Patent: Dec. 2,2003 ...

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### Media storage device with embedded data filter for dynamically processing data during read ...

S Smyers, B Fairman, 1999 - freepatentsonline.com

... Data communication network with **management port** for isochronous ... includes transmitting the manipulated **packet** of data ... The **filtering** device as claimed in claim 1 ...

[Related articles](#) - [All 6 versions](#)

### Method and apparatus for avoiding **packet** loss on a CSMA/CD-type local area network ...

WP Sherer, RA Gahan, JF Hickey - US Patent 5,568,476, 1996 - Google Patents

... some **packet** destinations not being always available to receive packets without incurring the network overhead costs associated with **dropping** a 10 **packet** at the ...

[Cited by 19](#) - [Related articles](#) - [All 2 versions](#)

### Unique address space and method for a transport network

EA Harbin - US Patent App. 09/849,003, 2001 - Google Patents

Page 1. US 20010052029A1 (19) United States (12) Patent Application Publication

(io> Pub. NO.: US 2001/0052029 AI Harbin (43) Pub. Date: Dec. ...

[Related articles](#) - [All 6 versions](#)

### Method and apparatus for maintaining a time order by physical ordering in a memory

TJ Runaldue, B Erimli... - US Patent 6,175,902, 2001 - Google Patents

Page 1. US006175902B1 (12) United States Patent Runaldue et al. (io) Patent

No.: US 6,175,902 BI (45) Date of Patent: Jan. 16,2001 ...

[Cited by 8](#) - [Related articles](#) - [All 6 versions](#)

### Method and apparatus for reclaiming buffers

TJ Runaldue, B Erimli, C Egbert... - US Patent 6,233,244, 2001 - Google Patents

... BACKGROUND ART 15 25 In many systems in which is received and forwarded, such as **packet** switched networks (eg, Ethernet networks), memory buffers are used to ...

[Cited by 10](#) - [Related articles](#) - [All 2 versions](#)

### Method and apparatus for controlling initiation of transmission of data as a function of ...

C Egbert, TJ Runaldue, B Erimli... - US Patent 6,115,387, 2000 - Google Patents

... BACKGROUND ART In devices which receive and forward data, such as 20 network **packet** switches for **packet** switched networks, the device can be configured to ...

[Cited by 7](#) - [Related articles](#) - [All 6 versions](#)

### Multicopy queue structure with searchable cache area

B Erimli, TJ Runaldue... - US Patent 6,061,351, 2000 - Google Patents

... The switch 12 also includes a **management port** 30 that ... all ports (ie, broadcast) or

no ports (ie, **filtering**). For example, each data **packet** includes a header ...

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#### Apparatus and method for generating a serial data stream carrying data for multiple network ...

S Viswanath, PKF Chow ... - US Patent 6,058,427, 2000 - Google Patents

... The **management port** 36 outputs whether a frame temporarily stored in the buffer memory 34 ... to a single MAC port or multiple MAC received data **packet** and new ...

[Cited by 8](#) - [Related articles](#) - [All 2 versions](#)

#### Queuing structure and method for prioritization of frames in a network switch

B Erimli, I Crayford, C Egbert - US Patent 6,487,212, 2002 - Google Patents

... 137; 710/10; 714/34; 348/10 (56) References Cited US PATENT DOCUMENTS OTHER PUBLICATIONS Youn Chan Jung et al., "Performance Analysis of **Packet** Switches with ...

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#### Apparatus and method for storing header information in a network switch

J Chiang, C Yu - US Patent 6,529,503, 2003 - Google Patents

Page 1. US006529503B1 (12) United States Patent Chiang et al. (io) Patent

No.: US 6,529,503 BI (45) Date of Patent: Mar. 4,2003 (54 ...

[Cited by 2](#) - [Related articles](#) - [All 2 versions](#)

#### Method and apparatus for database fault tolerance with instant transaction replication ...

S Song - US Patent 6,421,688, 2002 - Google Patents

... primary database servers. 43 If this connection is encrypted, then encrypt this **packet** 44 Send the read content to client. 45 Read ...

[Cited by 5](#) - [Related articles](#) - [All 2 versions](#)

#### [PDF] ► Global Optical Ethernet

K Fendick, L Kalampoukas, B Suter - To appear in Optical Network Magazine, 2003 - ec.eurecom.fr

... well as the broadcast and **filtering** behavior of ... The Resilient **Packet** Ring (RPR) standard, under development ... band or over an isolated **management VLAN** defined on ...

[Related articles](#) - [View as HTML](#) - [All 2 versions](#)

#### System for providing conversion of TDM-based frame relay data in a cross-connect matrix ...

R Cantwell, C Potter, M Plummer - US Patent 6,493,346, 2002 - Google Patents

... low- delay, connection-oriented, **packet**-like switching ... descrambling, vital/unassigned cell **filtering**, and includes ... ler 142 is used for SNMP **management port**. ...

[Related articles](#) - [All 5 versions](#)

#### Decision making engine receiving and storing a portion of a data frame in order to perform a ...

J Sang, MV Lau, 2003 - freepatentsonline.com

... of the switch operations in a **packet** switched network ... engine 200 does not perform ingress **filtering** regardless of ... forwards the frame to the **management port** only ...

#### ... AND APPARATUS FOR SELECTIVELY DISCARDING **PACKET** FOR BLOCKED OUTPUT ...

T RUNALDUE, C Egbert, D Kerstein, B Erimli - No.: WO/1998/036529, 1998 - freepatentsonline.com

... EP0769863, Bridging apparatus for traffic **filtering** in communication ... to enable external storage of **packet** data and ... 12 also includes a **management port** 30 that ...

[All 4 versions](#)

#### Content-aware web switch without delayed binding and methods thereof

LL Lu, DPK Hsing, BC Cheng, TH Wu - US Patent App. 10/136,986, 2002 - Google Patents

... The switch uses Layer 7 or application content parsed from a **packet** to help select the server and to schedule the transmitting of the **packet** to the server. ...

[Cited by 3](#) - [Related articles](#) - [All 4 versions](#)

### Network tap with interchangeable ports

SC Gordy, HD Poelstra, RW Otis, TL Gallatin - US Patent App. 10/735,417, 2003 - Google Patents

Page 1. US 20040215832A1 (19) United States (12) Patent Application Publication

(io> Pub. NO.: US 2004/0215832 AI Gordy et al. (43) Pub. Date: Oct. ...

[All 2 versions](#)

### [PDF] ► Designing High-Performance Campus Intranets with Multilayer Switching

... CND Considerations, CCND Models, CWV Model ... - Cisco Systems, July, 2002 - ufpa.br

... A LAN bridge is a store-and-forward **packet** switch. ... In particular, the **packet** forwarding is handled by specialized hardware, usually ASICs. ...

[Cited by 5](#) - [Related articles](#) - [View as HTML](#) - [All 20 versions](#)

### Packet switch with load surge-control and methods thereof

LL Lu, DPK Hsing, BC Cheng, TH Wu - US Patent App. 10/136,708, 2002 - Google Patents

... 19,2002 (54) **PACKET** SWITCH WITH LOAD SURGE-CONTROL AND METHODS THEREOF (76) Inventors:

Leonard L. Lu, Holmdel, NJ (US); Deh-Phone K. Hsing, Basking Ridge, NJ ...

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### Network tap for use with multiple attached devices

SC Gordy, HD Poelstra, RW Otis, TL Gallatin - US Patent App. 10/735,801, 2003 - Google Patents

... 16,2005 Sheet 8 of 18 US 2005/0129033 AI ( Start J + #y-\\_ Store incoming data from switch 302 in buffer 768A **Packet** /size • , Update ^^ — r errors CRC 803 ...

[All 2 versions](#)

### Method of transmitting data packets in a **packet** switched communications network

K Dobbins, P Andlauer, C Oliver, T Parker, A ... - US Patent 5,790,546, 1998 - Google Patents

... [54] METHOD OF TRANSMITTING DATA PACKETS IN A **PACKET** SWITCHED COMMUNICATIONS NETWORK [75] Inventors: Kurt Dobbins, Bedford; Phil Andlauer. ...

[Cited by 53](#) - [Related articles](#) - [All 2 versions](#)

### Method and apparatus in a network switch for handling link failure and link recovery in a ...

S Merchant, R Williams, JM Chiang, C Yu - US Patent 6,535,489, 2003 - Google Patents

Page 1. US006535489B1 (12) United States Patent Merchant et al. (io) Patent

No.: US 6,535,489 BI (45) Date of Patent: Mar. 18,2003 ...

[Cited by 4](#) - [Related articles](#) - [All 2 versions](#)

### [PDF] ► Analysis of Routing Protocol Stability in Congested Networks

A Shaikh, 2000 - research.att.com

... **management port** of router HR1. ... Moreover, we also assume that the decision of **dropping** a particular **packet** is made independently for each **packet**. ...

[Cited by 1](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

### Virtual networking system and method in a processing system

P Schulten, S Geng, P Manca, P Curtis, E ... - US Patent App. 10/037,191, 2002 - Google Patents

... node info in TLV of ARP reply 473 Control node unicasts **packet** to appropriate ... a low speed Ethernet port (not shown) as a dedicated **management port**, which may ...

[All 7 versions](#)

### Address resolution protocol system and method in a virtual network

P Schuller, S Geng, P Manca, P Curtis, E ... - US Patent App. 10/038,354, 2002 - Google Patents

... source node InjoinTLVofARP reply 473 Control node unicasts **packet** to appropriate ...

low speed Ethernet port (not shown) as a dedicated **management port**, which may ...

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### System, analyzer, and method for synchronizing a distributed system

S Sikdar - US Patent App. 10/176,516, 2002 - Google Patents

... speed of one gigabit per second, and a minimum analysis **packet** size of ... decoder circuit

510 is typically attached to the synchronized analyzer **management port**. ...

[Cited by 1](#) - [Related articles](#) - [All 6 versions](#)

### System and method for allocating a shared resource among competing devices

C Oliver, D Huiette - US Patent 5,491,694, 1996 - Google Patents

... Attorney, Agent, or Firm—Wolf, Greenfield & Sacks [57] ABSTRACT Apparatus and method for establishing "virtual connections" through a **packet** switched data ...

[Cited by 64](#) - [Related articles](#) - [All 2 versions](#)

### [\[PDF\] ► Protocols for Multipoint, Multimedia Communications](#)

S Pejhan, 1995 - Citeseer

... parameters: 1) The probability of **dropping** a **packet**, 2) the ... of **packet**

uplications. ... 2.5.1 Address-Based **Filtering** : : : : 46 ...

[Cited by 2](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### Virtual circuit management in cellular telecommunications

JH Baldwin, H Chu, BT Doshi, S Dravida, S ... - US Patent 5,633,868, 1997 - Google Patents

... 4 Claims, 15 Drawing Sheets **PACKET** HANDLER PROCESSING AALc ATM AALb ATM ATM CONNECTION MANAGER SPEECH HANDLER PROCESSING AALb ATM AALa ATM RADIO PORT ...

[Cited by 21](#) - [Related articles](#) - [All 2 versions](#)

### Network security tap for use with intrusion detection system

SC Gordy, HD Poelstra, RW Otis, T Gallatin - US Patent App. 10/409,006, 2003 - Google Patents

... When such indicia is detected, the intrusion detection device sends a "kill" data

**packet** back through the security tap and directed back to the communication ...

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### [\[PDF\] ► A Performance Analysis of an O-Board Signaling Architecture for ATM Networks](#)

SW Shumate, 1994 - Citeseer

... the implementation of the services oered by B-ISDN 10, 15]. ATM is a

**packet**-oriented transfer method. ... the rst candidate for **dropping**. ...

[Cited by 9](#) - [Related articles](#) - [View as HTML](#) - [All 2 versions](#)

### [\[book\] Cisco LAN switching](#)

K Clark, K Hamilton, 1999 - books.google.com

... LANs with Switches 48 Summary 50 Review Questions 51 Bridging Technologies 55

Transparent Bridging 55 Learning 57 Flooding 58 **Filtering** 58 Forwarding 59 Aging ...

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### Multi-rate switching physical device for a mixed communication rate ethernet repeater

A Mills - US Patent 5,991,303, 1999 - Google Patents

... The switch circuitry is typically coupled to a serial **management port** and an ... eg, a media access controller, MAC) that can construct a **packet** of information ...

[Cited by 12](#) - [Related articles](#) - [All 2 versions](#)

### Computer system management

JE King, MP Mayhead, P Heffernan - US Patent App. 10/172,830, 2002 - Google Patents

Page 1. US 20030033460A1 (19) United States (12) Patent Application Publication

(io> Pub. NO.: US 2003/0033460 AI King et al. (43) Pub. Date: Feb. ...

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### Multi-rate switching device for a mixed communication rate ethernet repeater

A Mills - US Patent 6,359,893, 2002 - Google Patents

... The switch circuitry is typically coupled a low cost solution allowing the installed based of 10/100 to a serial **management port** and an external controller. ...

[Cited by 7](#) - [Related articles](#) - [All 2 versions](#)

### Object-aware transport-layer network processing engine

P Phillips, S Metzger, B Ramelson, T ... - US Patent App. 10/414,406, 2003 - Google Patents

... 21,2004 Sheet 2 of 17 US 2004/0210663 AI ESTABLISH SESSION WITH CLIENT ST10 TTE

RECEIVES DATA STREAM FROM CLIENT ST12 TTE STORES OBJECT **PACKET** STREAM AND CALLS ...

[All 4 versions](#)

### 200 Mbps PHY/MAC apparatus and method

MT Feuerstraeter - US Patent 6,159,729, 2001 - Google Patents

... at 100 Mbps may advertise their ability by sending a **packet** of data at 10 ... A **management port** in the Media Independent Interface is provided for this function. ...

[Cited by 5](#) - [Related articles](#) - [All 4 versions](#)

### System for enabling first computer to communicate over switched network with second ...

RK Richter, RO Sharp, QH Stephenson - US Patent 5,630,061, 1997 - Google Patents

... SUCCESSFUL 354 356 360 362 364 366 368 370 | 1 SET PROTOCOL MODE OF ANDIS MAC I

1 SET LOOK AHEAD VERB | SET STATION ADDRESS VERB | \> SET **PACKET** FILTER VERB ...

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### [book] The Froehlich/Kent Encyclopedia of Telecommunications: Introduction to Computer ...

FE Froehlich, A Kent, CM Hall, 1995 - books.google.com

... links. Two types of networks fall within this class: circuit switched and

**packet** switched. In a broadcast communication network (Fig. ...

[Related articles](#)

### Multiple user computer system

KR Brown, JV Ford, TE Gibson, 1996 - freepatentsonline.com

... byte and three writable bits in the lower three bits of the I/O port mentioned above,

also herein referred to as the "power **management port**." The second PAL U2 ...

[All 3 versions](#)

### [book] Programming LEGO Mindstorms with Java

M Ferrari, G Ferrari, D Laverde, 2002 - books.google.com

Page 1. SYN 1 YEAR UPGRADE J<,AD BUYER PROTECTION PLAN CMIt PROGRAMMING LEGO Mindstorms

WITH IOT TO JdVd The ULTIMATE Too for Mindstorms Ma niacs! ...

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Communication of local area network based applications on a switched network.

RK Richter, RO Sharp, QH Stephenson, 1994 - freepatentsonline.com

... **Port** Connection Managers (PCMs) 64 are the entities that actually manage the ports,  
or ... these ANDIS MACs 66 can also support 802.3 and HDLC frame **filtering**. ...

[All 4 versions](#)

Secure network indentity allocation

JE King, MP Mayhead - US Patent App. 10/171,898, 2002 - Google Patents

... By maintaining a record of the network identities allocated to the processing units  
by the service processor in the switch and **filtering** network access, access ...

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packet (filtering OR dropping) "manag Search

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